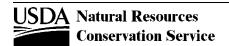
Table H. - Engineering Index Properties

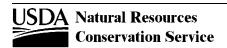
Louisa County, Virginia

Absence of an entry indicates that the data were not estimated.

Map Symbol			Classi	fication	Fragi	ments	Per	cent Passing	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In		•	•	Pct	Pct		•			Pct	•
AbB:												
Abell	0-9	Fine Sandy Loam	SC	A-2	0	0	90-100	80-100	56-100	32-90	18-33	2-12
		Loam	SC-SM SM	A-4								
	9-32	Silt Loam Sandy Clay Loam	CL	A-2	0	0	90-100	80-100	64-100	28-80	27-44	12-25
	9-32	Loam	SC	A-2 A-6	U	U	90-100	80-100	04-100	20-00	21-44	12-23
		Clay Loam		A-7								
	32-38	Clay Loam	СН	A-6	0	0	90-100	80-100	72-100	56-95	39-55	21-32
		Clay	CL	A-7								
	38-50	Sandy Loam	SC-SM	A-2	0	0	90-100	80-100	48-95	24-75	20-38	6-19
		Loam		A-4								
Colfax												
Worsham												
AcB:												
Abell	0-9	Silt Loam	SC	A-2	0	0	90-100	80-100	56-100	32-90	18-33	2-12
		Fine Sandy Loam	SC-SM	A-4								
		Loam	SM									
	9-32	Sandy Clay Loam	CL	A-2	0	0	90-100	80-100	64-100	28-80	27-44	12-25
		Loam	SC	A-6								
		Clay Loam		A-7		_						
	32-38	Clay Loam	CH	A-6	0	0	90-100	80-100	72-100	56-95	39-55	21-32
	20.50	Clay	CL	A-7 A-2	0	0	00.400	00.400	40.05	04.75	20.20	0.40
	38-50	Sandy Loam Loam	SC-SM	A-2 A-4	0	0	90-100	80-100	48-95	24-75	20-38	6-19
		Loani		A-4								
Lignum												
Roanoke												



Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
AcB:	In		•		Pct	Pct	•				Pct	•
ACD.												
Worsham												
AeB:												
Abell	0-11	Silt Loam Loam	CL CL-ML	A-4 A-6	0	0	90-100	80-100	68-100	48-90	21-41	6-19
	11-32	Sandy Clay Loam Clay Loam	CL SC	A-2 A-6	0	0	90-100	80-100	64-100	28-80	27-44	12-25
	32-45	Clay Clay Loam	CH CL	A-6 A-7	0	0	90-100	80-100	72-100	56-95	39-55	21-32
	45-60	Sandy Loam Loam	SC	A-2 A-4	0	0	90-100	80-100	48-95	24-75	20-38	6-19
Lignum												
Roanoke												
Worsham												
AIB:												
Altavista	0-12	Fine Sandy Loam	CL-ML SC SC-SM	A-4 A-6	0	0	98-100	93-100	64-85	37-55	21-37	6-13
	12-47	Sandy Clay Loam Clay Loam	CL SC SC-SM	A-6 A-7	0	0	98-100	93-100	73-100	32-80	29-44	13-25
	47-64	Sandy Loam	SC-SM	A-2	0	0-10	65-100	50-100	30-70	15-40	16-32	2-13
Wickham												
Fork												



Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In		- 1	•	Pct	Pct					Pct	
AnB2:												
Appling	0-9	Sandy Loam	SC SC-SM	A-2 A-4 A-6	0	0	90-100	80-100	48-70	24-40	21-33	6-13
	9-57	Clay	CL	A-6	0	0	90-100	80-100	68-100	36-95	36-57	19-36
		Clay Loam Sandy Clay	SC	A-7								
	57-79	Sandy Loam	SC SC-SM	A-2 A-2-4	0	0	90-100	80-100	48-70	24-40	7-25	NP-8
			SM	A-4								
Colfax												
AnC2:												
Appling	0-9	Sandy Loam	SC SC-SM	A-2 A-4	0	0	90-100	80-100	48-70	24-40	21-33	6-13
	9-57	Sandy Clay	CL	A-6 A-6	0	0	90-100	80-100	68-100	36-95	36-57	19-36
	0 01	Clay Clay Loam	SC	A-7	Ü	ŭ	00 100	00 100	00 100	00 00	00 01	10 00
	57-79	Sandy Loam	SC SC-SM SM	A-2 A-2-4 A-4	0	0	90-100	80-100	48-70	24-40	7-25	NP-8
Abell												
Colfax												
Iredell												
ApB3:												



Mara Ormahad			Classi	ification	Frag	ments	Per	cent Passin	g Sieve Nun	nber	Limital	Diti-it-
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	ln	•		•	Pct	Pct	•		•		Pct	•
ApB3:												
Appling	0-9	Sandy Clay Loam	CL SC SC-SM	A-6	0	0	90-100	80-100	64-90	28-55	30-45	13-25
	9-57	Clay Clay Loam Sandy Clay	CL SC	A-6 A-7	0	0	90-100	80-100	68-100	36-95	36-57	19-36
Abell	57-79	Sandy Loam	SC SC-SM SM	A-2 A-2-4 A-4	0	0	90-100	80-100	48-70	24-40	7-25	NP-8
Abell												
Cecil												
Wedowee												
ArC3:												
Appling	0-9	Sandy Clay Loam	CL SC SC-SM	A-6	0	0	90-100	80-100	64-90	28-55	30-45	13-25
	9-57	Sandy Clay Clay Loam Clay	CL SC	A-6 A-7	0	0	90-100	80-100	68-100	36-95	36-57	19-36
	57-79	Sandy Loam	SC SC-SM SM	A-2 A-2-4 A-4	0	0	90-100	80-100	48-70	24-40	7-25	NP-8

Man Cymhal			Classi	ification	Frag	ments	Per	cent Passin	g Sieve Nun	nber	المنسنا	Disatisity
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
1.00	In				Pct	Pct					Pct	
ArC3: Wedowee	0-11	Sandy Clay Loam	CL SC SC-SM	A-6	0	0	90-100	90-100	80-95	45-75	30-45	13-21
	11-30	Loam Sandy Clay Loam	CL SC	A-4 A-6	0	0	90-100	90-100	80-97	40-75	24-40	9-21
	30-42	Sandy Clay Clay	CL SC	A-7	0	0	95-100	95-100	65-97	45-75	42-53	24-32
	42-46	Clay Loam Clay Loam Gravelly Sandy Loam Sandy Clay Loam Sandy Loam	CL SC SC-SM	A-2 A-4 A-6	0	0	80-100	70-100	60-80	30-60	24-40	9-21
Ashlar												
Cecil												
Durham												
Sekil												
AsB: Ashlar	0-18	Sandy Loam	SC-SM SM	A-1 A-2	0	0	80-100	70-100	42-70	21-40	17-28	2-10
	18-34	Gravelly Sandy Loam Sandy Loam	GC-GM GM SC-SM SM	A-4 A-1 A-2 A-4	0	0-6	65-100	50-100	30-70	15-40	16-27	2-10
	34-38	Bedrock										
Appling												

Louisa County, Virginia

Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Index
	In		•		Pct	Pct	•	•		•	Pct	
AsB:												
Grover												
Wedowee												
Abell												
AsC:												
Ashlar	0-18	Sandy Loam	SC-SM SM	A-1 A-2 A-4	0	0	80-100	70-100	42-70	21-40	17-28	2-10
	18-34	Sandy Loam Gravelly Sandy Loam	GC-GM GM SC-SM SM	A-1 A-2 A-4	0	0-6	65-100	50-100	30-70	15-40	16-27	2-10
	34-38	Bedrock										
Appling												
Grover												
Wedowee												
Abell												

AsC3:

Main Crimahal			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Limited	Disatists
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	In		•	•	Pct	Pct	•				Pct	
AsC3: Ashlar	0-18	Sandy Loam	SC-SM SM	A-1 A-2 A-4	0	0	80-100	70-100	42-70	21-40	17-28	2-10
	18-34	Gravelly Sandy Loam Sandy Loam	GC-GM GM SC-SM SM	A-1 A-2 A-4	0	0-6	65-100	50-100	30-70	15-40	16-27	2-10
	34-38	Bedrock										
Appling												
Grover												
Rock outcrop												
AsD:												
Ashlar	0-18	Sandy Loam	SC-SM SM	A-1 A-2 A-4	0	0	80-100	70-100	42-70	21-40	17-28	2-10
	18-34	Gravelly Sandy Loam Sandy Loam	GC-GM GM SC-SM SM	A-1 A-2 A-4	0	0-6	65-100	50-100	30-70	15-40	16-27	2-10
	34-38	Bedrock										
Appling												
Grover												
Wedowee												
Rock outcrop												



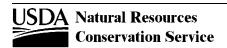
Man Cumbal			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	المستما	Digoticit
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	In		•		Pct	Pct	•	•	•	•	Pct	•
AsD:												
AsD3:												
Ashlar	0-18	Sandy Loam	SC-SM SM	A-1 A-2 A-4	0	0	80-100	70-100	42-70	21-40	17-28	2-10
	18-34 Sandy Loam Gravelly Sandy Loam 34-38 Bedrock		GC-GM GM SC-SM SM	A-1 A-2 A-4	0	0-6	65-100	50-100	30-70	15-40	16-27	2-10
	34-38	Bedrock										
Rock outcrop												
AV:												
Ashlar	0-18	Sandy Loam	SC-SM SM	A-1 A-2 A-4	0	0-2	80-100	75-100	40-80	20-50	17-28	2-10
	18-34	Gravelly Sandy Loam Fine Sandy Loam Sandy Loam	GC-GM GM SC-SM SM	A-1 A-2 A-4	0	0-8	55-100	50-100	30-75	15-50	16-27	2-10
	34-38	Unweathered Bedrock										
Manteo		CL GC GM	A-4 A-6	0-5	10-25	75-100	65-95	60-95	35-85	19-41	3-19	
	16-20	Channery Clay Loam Channery Silt Loam Very Channery Silt Loam	ML CL GC	A-1 A-2 A-4 A-6	0-5	15-40	40-90	20-60	20-60	15-55	20-44	6-25
	20-24	Unweathered Bedrock		A-0 								



Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Index
	In		•	•	Pct	Pct					Pct	
AV:												
Rock outcrop	0-79											
Appling												
Grover												
Nason												
CcB2:												
Cecil	0-6	Sandy Loam	SC-SM SM	A-2 A-4	0	0	90-100	80-100	48-70	24-40	17-33	2-13
	6-48	Clay Loam Clay	CL	A-6 A-7	0	0	90-100	80-100	72-100	56-95	36-66	19-43
	48-62	Sandy Loam	SC	A-2	0	0	97-100	80-100	48-70	24-40	16-32	2-13
Cullen												
Abell												
CcC2:												
Cecil	0-6	Sandy Loam	SC-SM SM	A-2 A-4	0	0	90-100	80-100	48-70	24-40	17-33	2-13
	6-48	Clay Loam Clay	CL	A-6 A-7	0	0	90-100	80-100	72-100	56-95	36-66	19-43
	48-62	Sandy Loam	SC	A-2	0	0	97-100	80-100	48-70	24-40	16-32	2-13
Abell												
CeB3:												



Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	- Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In		•		Pct	Pct	•	•			Pct	
CeB3:												
Cecil	0-6	Clay Loam	CL SC-SM	A-7	0	0	90-100	80-100	72-100	56-80	37-50	19-28
	6-48	Clay Loam Sandy Clay Loam Gravelly Clay Loam Gravelly Sandy Clay Loam	CL SC	A-6	0	0-5	75-100	75-100	68-95	38-81	29-44	13-25
	48-62	Clay Loam Clay	СН	A-7	0	0-5	97-100	92-100	72-100	55-95	42-74	24-51
Abell												
Pacolet												
CfC3:												
Cecil	0-6	Clay Loam	CL SC-SM	A-7	0	0	90-100	80-100	72-100	56-80	37-50	19-28
	6-48	Clay Loam Sandy Clay Loam	CL SC	A-6	0	0-5	75-100	75-100	68-95	38-81	29-44	13-25
	48-62	Clay Loam Clay	СН	A-7	0	0-5	97-100	92-100	72-100	55-95	42-74	24-51
Pacolet	0-9	Clay Loam Sandy Clay Loam Sandy Loam	CL SC-SM	A-2 A-4 A-7	0	0	98-100	90-100	54-100	27-80	20-52	4-28
	9-32	Clay Loam Clay	CH CL	A-7	0	0	98-100	90-100	81-100	63-95	42-70	24-47
	32-70	Sandy Clay Loam Clay Loam Sandy Loam	CL SC SC-SM	A-2 A-4 A-6	0	0	98-100	90-100	54-100	27-80	24-40	9-21
Cullen												



Louisa County, Virginia

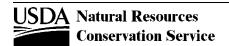
Mari Ormali al			Classi	fication	Fragr	nents	Per	cent Passin	g Sieve Nun	ber	Linuital	District
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Liquid Limit	Plasticity Index
	In	•	•		Pct	Pct					Pct	•
CfC3: Madison												
Abell												
CfL: Cut and fill land												
Ch:												
Chewacla	0-25	Silt Loam	CL CL-ML	A-4 A-6 A-7	0	0	90-100	80-100	72-100	56-90	22-46	6-19
	25-48	Silty Clay Loam Sandy Loam Loam	CL SC-SM	A-6 A-7 A-7-6	0	0	90-100	80-100	48-100	24-95	29-46	12-24
	48-52	Sandy Loam Loam	CL SC	A-2 A-4 A-6	0	0	90-100	80-100	48-95	24-75	22-38	6-17
Congaree												
Wehadkee												

CIB:

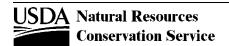


Man Cumhal			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Linuid	Disatisit
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Liquid Limit	Plasticity Index
	In	•		<u> </u>	Pct	Pct		Į.		ı.	Pct	<u>.</u>
CIB:												
Colfax	0-18	Fine Sandy Loam	SC SC-SM SM	A-4	0	0	100	100	70-85	40-55	18-37	2-13
	18-28	Clay Loam	CL	A-6	0	0	100	100	80-100	35-80	29-45	13-25
		Sandy Clay Loam	SC	A-7-6								
	28-50	Sandy Loam	CL	A-2	0	0	100	100	60-90	30-55	25-45	9-25
		Sandy Clay Loam	SC	A-2-6								
				A-4								
				A-6								
	50-62	Sandy Loam	SC	A-2	0	0	98-100	95-100	57-70	28-40	21-33	6-13
				A-4								
				A-6								
Durham												
Worsham												
Cn:												
Congaree	0-34	Silt Loam	CL	A-4	0	0	100	100	60-100	30-90	22-43	6-17
		Loam Fine Sandy Loam Very Fine Sandy Loam Sandy Loam	CL-ML	A-6								
	34-44	Sandy Loam	CL	A-4	0	0	100	100	60-100	30-90	22-39	6-17
		Very Fine Sandy Loam Loam	SC	A-6								
44-58		Fine Sandy Loam Silt Loam										
	44-58	Sandy Loam Very Fine Sandy Loam Silt Loam Fine Sandy Loam Loam	CL	A-4	0	0	100	100	60-100	30-90	16-36	2-17

Map Symbol			Classi	fication	Frag	ments	Per	cent Passin	g Sieve Nun	nber	Lieuvial	Disatisitu
мар Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	In				Pct	Pct	•	•	•	•	Pct	•
Cn:												
Chewacla												
Toccoa												
CO:												
Congaree	0-34	Sandy Loam Very Fine Sandy Loam Silt Loam Fine Sandy Loam Loam	CL CL-ML	A-4 A-6	0	0	100	100	60-100	30-90	22-43	6-17
	34-44	Loam Very Fine Sandy Loam Silt Loam Fine Sandy Loam Sandy Loam	CL SC	A-4 A-6	0	0	100	100	60-100	30-90	22-39	6-17
	44-58	Loam Very Fine Sandy Loam Fine Sandy Loam Silt Loam Sandy Loam	CL	A-4	0	0	100	100	60-100	30-90	16-36	2-17
Chewacla	0-25	Silt Loam	CL CL-ML	A-4 A-6 A-7	0	0	90-100	80-100	72-100	56-90	22-46	6-19
	25-48	Loam Silty Clay Loam Sandy Loam	CL SC-SM	A-6 A-7 A-7-6	0	0	90-100	80-100	48-100	24-95	29-46	12-24
	48-52	Loam Sandy Loam	CL SC	A-2 A-4 A-6	0	0	90-100	80-100	48-95	24-75	22-38	6-17



Map Symbol			Classi	fication	Fragr	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In	•			Pct	Pct					Pct	
CO:												
Toccoa												
Wehadkee												
CuB2:												
Cullen	0-10	Loam	CL	A-4 A-6	0	0	95-100	85-100	72-95	51-75	27-41	9-19
	10-54	Silty Clay Loam Clay Loam Clay	CH CL	A-6 A-7	0	0	95-100	85-100	72-100	38-95	39-67	21-44
	54-78	Sandy Loam	SC	A-2 A-4 A-6	0	0	95-100	85-100	51-70	26-40	18-33	2-14
Abell												
Enon												
Mecklenburg												
CuC2:												
Cullen	0-10	Loam	CL	A-4 A-6	0	0	95-100	85-100	72-95	51-75	27-41	9-19
	10-54	Silty Clay Loam Clay Loam Clay	CH CL	A-6 A-7	0	0	95-100	85-100	72-100	38-95	39-67	21-44
	54-78	Sandy Loam	SC	A-2 A-4 A-6	0	0	95-100	85-100	51-70	26-40	18-33	2-14
Abell												



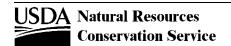
Man Comphal			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	المستاما	Diestisit
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Liquid Limit	Plasticity Index
	In		•		Pct	Pct	•	•	•		Pct	
CuC2:												
Poindexter												
CwB3:												
Cullen	0-10	Clay Loam	CL SC-SM	A-7	0	0	90-100	80-100	72-100	56-80	37-50	19-28
	10-54	Silty Clay Loam Clay Loam Clay	CH CL	A-6 A-7	0	0	95-100	85-100	72-100	38-95	39-67	21-44
	54-78	Sandy Loam	SC	A-2 A-4 A-6	0	0	95-100	85-100	51-70	26-40	18-33	2-14
Cecil												
Tatum												
Turbeville												
CwC3:												
Cullen	0-10	Clay Loam	CL SC-SM	A-7	0	0	90-100	80-100	72-100	56-80	37-50	19-28
	10-54	Clay Silty Clay Loam Clay Loam	CH CL	A-6 A-7	0	0	95-100	85-100	72-100	38-95	39-67	21-44
	54-78	Sandy Loam	SC	A-2 A-4 A-6	0	0	95-100	85-100	51-70	26-40	18-33	2-14
Fluvanna												
Poindexter												



Louisa County, Virginia

Man Cimphal			Class	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liannial	Disatisitu
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Liquid Limit	Plasticity Index
	In	•	<u> </u>		Pct	Pct					Pct	
DuB:												
Durham	0-19	Sandy Loam Fine Sandy Loam	SC SC-SM SM	A-2 A-4	0	0	98-100	95-100	57-85	28-55	17-35	2-13
	19-46	Clay Loam Sandy Clay Loam	SC SC-SM	A-2 A-6	0	0	98-100	95-100	76-100	33-80	29-49	13-28
	46-54	Sandy Loam	SC SC-SM SM	A-2 A-4	0	0	98-100	95-100	57-70	28-40	16-32	2-13
Appling												
Colfax												
Eb:												
Elbert	0-5	Silt Loam	CL	A-6	0	0	98-100	95-100	86-100	66-90	27-43	9-18
	5-52	Clay Silty Clay Loam Sandy Clay	CH SC	A-7	0	0	98-100	95-100	81-100	43-95	41-61	21-37
	52-61	Gravelly Sandy Loam Sandy Loam	SC	A-2	0	0	65-100	50-100	30-70	15-40	20-32	6-13
Iredell												
Zion												

FIB2:



Louisa County, Virginia

Main Crimahal			Classi	fication	Frag	ments	Per	cent Passin	g Sieve Nun	nber	Limited	Disatisitu
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	ln	•	•	•	Pct	Pct	•				Pct	•
FIB2:												
Fluvanna	0-9	Loam Fine Sandy Loam	CL ML SC	A-2 A-4 A-6	0	0	90-100	85-100	60-95	34-75	18-43	2-18
			SM	A-0								
	9-35	Clay Loam Silty Clay Loam Silty Clay	СН	A-7	0	0	90-100	85-100	76-100	60-95	43-72	25-47
		Clay										
	35-54	Silty Clay Loam Clay Loam	CL	A-6 A-7	0	0	90-100	85-100	76-100	60-95	31-50	13-29
Cullen												
Orange												
FIC2:												
Fluvanna	0-9	Fine Sandy Loam	CL	A-2	0	0	90-100	85-100	60-95	34-75	18-43	2-18
		Loam	ML	A-4								
			SC	A-6								
	9-35	Clay	SM CH	A-7	0	0	90-100	85-100	76-100	60-95	43-72	25-47
	9-33	Clay Loam	СП	A-1	U	U	90-100	00-100	70-100	00-95	43-12	25-47
		Silty Clay										
		Silty Clay Loam										
	35-54	Silty Clay Loam Clay Loam	CL	A-6 A-7	0	0	90-100	85-100	76-100	60-95	31-50	13-29
		•										
Nason												
Sekil												
EN:												

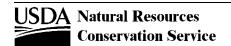
FN:



Louisa County, Virginia

Man Cumbal			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	انمسنط	Diocticity
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	ln	•			Pct	Pct			<u> </u>		Pct	<u> </u>
FN:												
Fluvaquents	0-9	Silt Loam	CL	A-4 A-6 A-7	0	0	100	98-100	88-100	63-90	12-43	NP-17
	9-30	Very Fine Sandy Loam Loam Silt Loam	CL CL-ML SC	A-4 A-6	0	0	100	99-100	85-100	48-90	23-38	6-14
	30-62	Loamy Sand Sand Very Gravelly Sandy Loam Gravelly Sandy Loam	SC-SM SM SW-SM	A-2	0	0	80-100	40-100	20-75	3-30	7-20	NP-4
Shallow water												
Fo:												
Forestdale	0-8	Silt Loam	CL	A-6 A-7	0	0	100	100	90-100	70-90	23-43	6-20
	8-55	Clay Silty Clay Silty Clay Loam	CH CL	A-7	0	0	100	100	90-100	75-95	45-69	25-44
	55-62	Sandy Clay Loam Silt Loam Silty Clay Loam	CL CL-ML SC	A-4 A-6 A-7	0	0	100	95-100	76-100	33-95	22-46	6-25
Fork												
Wehadkee												

FrB:



Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In				Pct	Pct			•	•	Pct	
FrB:					_	_						
Fork	0-9	Fine Sandy Loam	CL SC	A-4	0	0	95-100	90-100	63-85	36-55	22-37	6-13
	9-52	Loam Sandy Clay Loam Clay Loam	CL SC	A-6 A-7	0	0	95-100	90-100	72-100	32-80	27-49	12-28
	52-64	Loam Silty Clay Loam Gravelly Sandy Loam Sandy Clay Loam	CL ML SC SM	A-2 A-4 A-6	0		85-100	70-100	42-100	21-95	16-44	2-25
Altavista												
Forestdale												
GrB2:												
Grover	0-6	Sandy Clay Loam Sandy Loam	SC SC-SM	A-2 A-2-4 A-4	0	0	95-100	90-100	54-90	27-55	20-39	4-17
	6-33	Loam Clay Loam Sandy Clay Loam	SC	A-6 A-7	0	0	95-100	90-100	72-100	32-80	27-44	12-25
	33-62	Loam Sandy Loam	SC SC-SM SM	A-2 A-2-4 A-4	0	0	95-100	90-100	54-95	27-75	15-36	1-17
Appling												
Madison												
GrC2:												



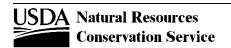
Map Symbol			Classi	fication	Frag	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In				Pct	Pct					Pct	
GrC2:												
Grover	0-6	Sandy Loam Sandy Clay Loam	SC SC-SM	A-2 A-2-4 A-4	0	0	95-100	90-100	54-90	27-55	20-39	4-17
	6-33	Loam Sandy Clay Loam Clay Loam	SC	A-6 A-7	0	0	95-100	90-100	72-100	32-80	27-44	12-25
	33-62	Sandy Loam Loam	SC SC-SM SM	A-2 A-2-4 A-4	0	0	95-100	90-100	54-95	27-75	15-36	1-17
Appling												
Ashlar												
GvB3:												
Grover	0-6	Sandy Loam Sandy Clay Loam	SC SC-SM	A-2-4 A-4 A-6	0	0	95-100	90-100	54-95	27-60	20-43	4-21
	6-33	Loam Clay Loam Sandy Clay Loam	SC	A-6 A-7	0	0	95-100	90-100	72-100	32-80	27-44	12-25
	33-62	Loam Sandy Loam	SC SC-SM SM	A-2 A-2-4 A-4	0	0	95-100	90-100	54-95	27-75	15-36	1-17
Abell												
Appling												
Madison												
GvC3:												

Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In	•	<u> </u>		Pct	Pct					Pct	
GvC3:												
Grover	0-6	Sandy Loam Sandy Clay Loam	SC SC-SM	A-2-4 A-4 A-6	0	0	95-100	90-100	54-95	27-60	20-43	4-21
	6-33	Loam Clay Loam Sandy Clay Loam	SC	A-6 A-7	0	0	95-100	90-100	72-100	32-80	27-44	12-25
	33-62	Loam Sandy Loam	SC SC-SM SM	A-2 A-2-4 A-4	0	0	95-100	90-100	54-95	27-75	15-36	1-17
Ashlar												
Madison												
IdB:												
Iredell	0-11	Clay Loam Loam Sandy Loam	SC SC-SM	A-2 A-2-4 A-4	0	0	90-100	85-100	51-100	26-80	21-43	6-21
	11-27	Clay	CH	A-7	0	0	90-100	85-100	76-100	64-95	51-79	29-46
	27-69	Sandy Loam Sandy Clay Loam Loam	CL SC	A-2 A-7	0	0	90-100	85-100	51-95	26-75	24-48	6-25
Colfax												
Sekil												
Worsham												
LIDO												

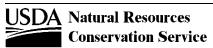




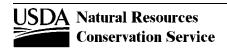
Mara Cirrahal			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liamid	Disatisit
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticit Index
	In	•	•	•	Pct	Pct	•	•		•	Pct	•
ldB2:												
Iredell	0-11	Loam Sandy Loam Clay Loam	SC SC-SM	A-2 A-2-4 A-4	0	0	90-100	85-100	51-100	26-80	21-43	6-21
	11-27	Clay	СН	A-7	0	0	90-100	85-100	76-100	64-95	51-79	29-46
	27-69	Sandy Clay Loam Loam Sandy Loam	CL SC	A-2 A-7	0	0	90-100	85-100	51-95	26-75	24-48	6-25
Cecil												
Cullen												
Sekil												
IdC2:												
Iredell	0-11	Sandy Loam Clay Loam Loam	SC SC-SM	A-2 A-2-4 A-4	0	0	90-100	85-100	51-100	26-80	21-43	6-21
	11-27	Clay	CH	A-7	0	0	90-100	85-100	76-100	64-95	51-79	29-46
	27-69	Sandy Loam Sandy Clay Loam Loam	CL SC	A-2 A-7	0	0	90-100	85-100	51-95	26-75	24-48	6-25
Cecil												
Cullen												
Sekil												
IrA:												



Man Complete			Classi	fication	Fragr	ments	Per	cent Passin	g Sieve Nun	nber	Limited	Disablett
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Liquid Limit	Plasticity Index
	ln				Pct	Pct	I				Pct	
rA:												
Iredell	0-11	Loam Sandy Loam Clay Loam	CL SC SC-SM	A-2-4 A-4	0	0	90-100	85-100	51-100	26-80	21-43	6-21
	11-27	Clay	CH	A-7	0	0	90-100	85-100	76-100	64-95	51-79	29-46
	27-69	Sandy Loam Sandy Clay Loam Loam	CL SC	A-2 A-7	0	0	90-100	85-100	51-95	26-75	24-48	6-25
Elbert												
Zion												
lrB:												
Iredell	0-11	Sandy Loam Clay Loam Loam	CL SC SC-SM	A-2-4 A-4	0	0	90-100	85-100	51-100	26-80	21-43	6-21
	11-27	Clay	CH	A-7	0	0	90-100	85-100	76-100	64-95	51-79	29-46
	27-69	Sandy Loam Sandy Clay Loam Loam	CL SC	A-2 A-7	0	0	90-100	85-100	51-95	26-75	24-48	6-25
Poindexter												
Zion												
lv:												
Iredell	0-12	Silt Loam	CL	A-4 A-6	0	0	90-100	85-100	76-100	60-90	26-42	9-19
	12-28	Silty Clay Loam	CH CL	A-7	0	0	90-100	85-100	81-100	72-95	39-52	20-29
	28-48 48-56	Clay Sandy Clay Loam	CH SC	A-7 A-7	0 0	0 0	90-100 90-100	85-100 85-100	76-100 68-90	64-95 30-55	51-79 32-48	29-46 14-25



Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Liquid Limit	Index
	In		-		Pct	Pct	•	•	•		Pct	•
lv:												
Abell												
Elbert												
Zion												
LgB:												
Lignum	0-8	Silt Loam Loam	CL CL-ML	A-4 A-6	0	0	95-100	80-100	68-100	48-90	21-39	6-17
	8-43	Clay Silty Clay Silty Clay Loam	CH CL	A-7	0	0	90-100	80-100	72-100	60-95	43-63	25-40
	43-52	Silty Clay Loam Very Fine Sandy Loam Silt Loam	CL	A-6	0	0	90-100	80-100	68-100	40-95	22-49	7-28
Abell												
Worsham												
MaB2:												
Madison	0-5	Sandy Loam Sandy Clay Loam Clay Loam	ML SC SM	A-2 A-4	0	0	95-100	90-100	54-100	27-80	17-52	2-28
	5-24	Clay Sandy Clay Clay Loam	CL	A-7	0	0	95-100	90-100	76-100	40-95	37-57	21-36
	24-72	Sandy Loam Sandy Clay Loam Loam	CL SC	A-2 A-4 A-6	0	0	95-100	90-100	54-95	27-75	20-44	6-25



Man Cymhal			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Diesticity
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	In		•	•	Pct	Pct					Pct	
MaB2: Cecil												
Cecii												
Grover												
Rock outcrop												
MaC2:												
Madison	0-5	Sandy Loam	ML	A-2	0	0	95-100	90-100	54-100	27-80	17-52	2-28
		Sandy Clay Loam	SC	A-4								
	5-24	Clay Loam Sandy Clay	SM CL	A-7	0	0	95-100	90-100	76-100	40-95	37-57	21-36
	0 2 1	Clay Loam	OL.	7	ŭ	Ü	00 100	00 100	70 100	10 00	0, 0,	21 00
		Clay										
	24-72	Sandy Clay Loam	CL	A-2	0	0	95-100	90-100	54-95	27-75	20-44	6-25
		Loam Sandy Loam	SC	A-4 A-6								
		Salidy Loaili		A-0								
Abell												
Ashlar												
Grover												
Rock outcrop												
NA-II.												
Md: Mine dump												
wiine dump												
MdB3:												



Louisa County, Virginia

Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	ln	•	•	•	Pct	Pct	•			•	Pct	
MdB3:												
Madison	0-5	Clay Loam	CL	A-2	0	0	95-100	90-100	54-100	27-80	26-52	9-28
		Sandy Clay Loam		A-4								
		Sandy Loam		A-7								
	5-24	Sandy Clay	CL	A-7	0	0	95-100	90-100	76-100	40-95	37-57	21-36
		Clay Loam										
	04.70	Clay	01	4.0	•	•	05.400	00.400	54.05	07.75	00.44	0.05
	24-72	Sandy Loam	CL	A-2	0	0	95-100	90-100	54-95	27-75	20-44	6-25
		Sandy Clay Loam	SC	A-4 A-6								
		Loam		A-6								
Grover												
MdC3:												
Madison	0-5	Sandy Clay Loam	CL	A-2	0	0	95-100	90-100	54-100	27-80	26-52	9-28
		Sandy Loam		A-4								
		Clay Loam		A-7								
	5-24	Clay	CL	A-7	0	0	95-100	90-100	76-100	40-95	37-57	21-36
		Sandy Clay										
		Clay Loam										
	24-72	Sandy Loam	CL	A-2	0	0	95-100	90-100	54-95	27-75	20-44	6-25
		Sandy Clay Loam	SC	A-4								
		Loam		A-6								
Ashlar												
Grover												
Rock outcrop												

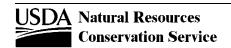
MnB:



Louisa County, Virginia

Man Comphal			Class	ification	Fragi	ments	Per	cent Passin	g Sieve Nur	nber	1 ::	Disatisit
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	In	•	<u> </u>		Pct	Pct					Pct	
MnB:												
Manteo	0-16	Extremely Channery Silt Loam Very Channery Silt Loam Channery Silt Loam	CL GC GM ML	A-4 A-6	0-10	15-55	60-90	50-85	45-85	35-75	19-41	3-19
	16-20	Extremely Channery Silt Loam Very Channery Silt Loam	GC	A-1 A-2 A-4 A-6	0-10	38-55	40-55	30-45	27-45	21-40	20-38	6-19
	20-24	Bedrock										
Abell												
Nason												
MnC:												
Manteo	0-16	Extremely Channery Silt Loam Very Channery Silt Loam Channery Silt Loam	CL GC GM ML	A-4 A-6	0-10	15-55	60-90	50-85	45-85	35-75	19-41	3-19
	16-20	Extremely Channery Silt Loam Very Channery Silt Loam	GC	A-1 A-2 A-4 A-6	0-10	38-55	40-55	30-45	27-45	21-40	20-38	6-19
	20-24	Bedrock										
Nason												

MnD:



Louisa County, Virginia

Man Comehal			Class	ification	Fragr	ments	Per	cent Passin	g Sieve Nun	nber	لمنديما ا	Diocticit
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	In	•	•	•	Pct	Pct	•	•	•	•	Pct	•
MnD:												
Manteo	0-16	Extremely Channery Silt Loam Very Channery Silt Loam Channery Silt Loam	CL GC GM ML	A-4 A-6	0-10	15-55	60-90	50-85	45-85	35-75	19-41	3-19
	16-20	Extremely Channery Silt Loam Very Channery Silt Loam	GC	A-1 A-2 A-4 A-6	0-10	38-55	40-55	30-45	27-45	21-40	20-38	6-19
	20-24	Bedrock										
Nason												
Tatum												
Rock outcrop												
MnE:												
Manteo	0-16	Extremely Channery Silt Loam Very Channery Silt Loam Channery Silt Loam	CL GC GM ML	A-4 A-6	0-10	15-55	60-90	50-85	45-85	35-75	19-41	3-19
	16-20	Extremely Channery Silt Loam Very Channery Silt Loam	GC	A-1 A-2 A-4 A-6	0-10	38-55	40-55	30-45	27-45	21-40	20-38	6-19
	20-24	Bedrock										
Rock outcrop												

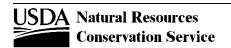
MoC:



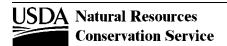
Louisa County, Virginia

Map Symbol			Classi	fication	Fragi	nents	Per	cent Passino	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In		•	•	Pct	Pct				•	Pct	•
MoC:												
Manteo	0-16	Channery Silt Loam Very Channery Silt Loam Extremely Channery Silt Loam	CL GC GM ML	A-4 A-6	0-10	25-55	60-85	50-75	45-75	35-70	19-41	3-19
	16-20	Extremely Channery Silt Loam Very Channery Silt Loam	GC	A-1 A-2 A-4 A-6	0-10	38-55	40-55	30-45	27-45	21-40	20-38	6-19
	20-24	Bedrock										
Abell												
Nason												
MoD:												
Manteo	0-16	Channery Silt Loam Very Channery Silt Loam Extremely Channery Silt Loam	CL GC GM ML	A-4 A-6	0-10	25-55	60-85	50-75	45-75	35-70	19-41	3-19
	16-20	Extremely Channery Silt Loam Very Channery Silt Loam	GC	A-1 A-2 A-4 A-6	0-10	38-55	40-55	30-45	27-45	21-40	20-38	6-19
	20-24	Bedrock										
Nason												
Rock outcrop												

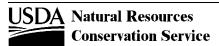
MsB2:



Map Symbol			Classi	fication	Frag	ments	Per	cent Passin	g Sieve Nun	nber	Linuxial	Diestisit
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	In		•		Pct	Pct	•	•			Pct	
MsB2:												
Masada	0-10	Gravelly Fine Sandy Loam Loam Fine Sandy Loam	CL SC	A-4 A-6	0	0	85-100	70-100	49-95	28-75	22-43	6-18
	10-48	Gravelly Clay Clay	CH CL	A-7	0	0	80-100	70-100	63-100	52-95	48-67	28-44
	48-54	Very Gravelly Clay Loam Extremely Gravelly Sandy Clay Loam Extremely Gravelly Clay Loam Extremely Gravelly Loam	GC	A-2 A-4 A-6 A-7	0	0-15	20-55	10-45	8-45	4-36	24-50	7-29
Altavista												
Turbeville												
MsC2:												
Masada	0-10	Fine Sandy Loam Gravelly Fine Sandy Loam Loam	CL SC	A-4 A-6	0	0	85-100	70-100	49-95	28-75	22-43	6-18
	10-48	Gravelly Clay Clay	CH CL	A-7	0	0	80-100	70-100	63-100	52-95	48-67	28-44
	48-54	Extremely Gravelly Clay Loam Extremely Gravelly Loam Very Gravelly Clay Loam Extremely Gravelly Sandy Clay Loam	GC	A-2 A-4 A-6 A-7	0	0-15	20-55	10-45	8-45	4-36	24-50	7-29
Appling												
Ashlar												

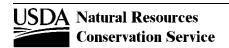


Map Symbol			Class	ification	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Lieuid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Index
	In		•	•	Pct	Pct	•	•			Pct	
MuB2:												
Mecklenburg	0-6	Loam	CL	A-4	0	0	98-100	90-100	76-100	54-80	20-52	4-28
		Clay Loam	CL-ML	A-6								
	6-38	Clay Loam Clay	СН	A-7	0	0	98-100	90-100	81-100	63-95	43-67	25-44
	38-72	Clay Loam	CL	A-2	0	0	98-100	90-100	54-100	27-80	24-44	9-25
		Sandy Clay Loam	SC	A-4								
		Sandy Loam		A-6								
				A-7								
Enon	0-6	Clay Loam	CL	A-4	0	0	95-100	90-100	76-100	54-80	19-52	3-28
		Loam	CL-ML ML	A-6								
	6-38	Clay Loam	СН	A-6	0	0	95-100	90-100	81-100	63-95	29-66	13-43
		Clay	CL	A-7								
	38-52	Sandy Clay Loam	CH	A-7	0	0-5	95-100	90-100	72-100	32-80	32-52	14-29
		Clay Loam	CL	A-7-6								
Cullen												
Iredell												
Zion												
MuC2:												
Mecklenburg	0-6	Loam	CL	A-4	0	0	98-100	90-100	76-100	54-80	20-52	4-28
G		Clay Loam	CL-ML	A-6								
	6-38	Clay	CH	A-7	0	0	98-100	90-100	81-100	63-95	43-67	25-44
		Clay Loam										
	38-72	Sandy Loam	CL	A-2	0	0	98-100	90-100	54-100	27-80	24-44	9-25
		Clay Loam	SC	A-4								
		Sandy Clay Loam		A-6								
				A-7								



Mars Correlad			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	المنسنا	Disatisity
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	In		•	•	Pct	Pct	•	•	•	•	Pct	
MuC2:												
Enon	0-6	Loam Clay Loam	CL CL-ML ML	A-4 A-6	0	0	95-100	90-100	76-100	54-80	19-52	3-28
	6-38	Clay Clay Loam	CH CL	A-6 A-7	0	0	95-100	90-100	81-100	63-95	29-66	13-43
	38-52	Sandy Clay Loam Clay Loam	CH CL	A-7 A-7-6	0	0-5	95-100	90-100	72-100	32-80	32-52	14-29
Poindexter												
Zion												
Rock outcrop												
MvC3:												
Mecklenburg	0-6	Loam Clay Loam	CL	A-4 A-6 A-7	0	0	98-100	90-100	76-100	54-80	26-52	9-28
	6-38	Clay Clay Loam	СН	A-7	0	0	98-100	90-100	81-100	63-95	43-67	25-44
	38-72	Sandy Clay Loam Clay Loam Sandy Loam	CL SC	A-2 A-4 A-6 A-7	0	0	98-100	90-100	54-100	27-80	24-44	9-25

Map Symbol			Classi	ification	Frag	ments	Per	cent Passin	g Sieve Num	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In		•	•	Pct	Pct					Pct	•
MvC3:												
Enon	0-6	Clay Loam Loam	CL	A-4 A-6 A-7	0	0	95-100	90-100	76-100	54-80	26-52	9-28
	6-38	Clay Loam Clay	CH CL	A-6 A-7	0	0	95-100	90-100	81-100	63-95	29-66	13-43
	38-52	Sandy Clay Loam Clay Loam	CH CL	A-7 A-7-6	0	0-5	95-100	90-100	72-100	32-80	32-52	14-29
Poindexter												
Zion												
Rock outcrop												
NaD2:												
Nason	0-14	Gravelly Loam Silt Loam Silty Clay Loam Loam	CL CL-ML	A-4 A-6	0	0-3	80-100	70-100	60-100	42-95	22-49	6-24
	14-48	Clay Silty Clay Silty Clay Loam Gravelly Silty Clay	CH CL	A-7	0	0	80-100	70-100	66-100	60-95	43-59	25-36
	48-62	Channery Loam Gravelly Silt Loam Loam Silt Loam	CL CL-ML GC-GM SC	A-4 A-6	0	0	80-100	70-100	60-100	42-90	20-36	6-17
Abell												
Manteo												



Louisa County, Virginia

Man Cumbal			Classi	fication	Fragr	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Disstinity
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	In			•	Pct	Pct	•	•	•		Pct	•
NaD2:												
Rock outcrop												
NoB2:												
Nason	0-14	Gravelly Loam Silt Loam Silty Clay Loam Loam	CL CL-ML	A-4 A-6	0	0-3	80-100	70-100	60-100	42-95	22-49	6-24
	14-48	Clay Silty Clay Loam Gravelly Silty Clay Silty Clay	CH CL	A-7	0	0	80-100	70-100	66-100	60-95	43-59	25-36
	48-62	Channery Loam Gravelly Silt Loam Loam Silt Loam	CL CL-ML GC-GM SC	A-4 A-6	0	0	80-100	70-100	60-100	42-90	20-36	6-17
Abell												
Tatum												

NoC2:

Map Symbol			Classi	fication	Frag	ments	Per	cent Passin	g Sieve Num	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In				Pct	Pct					Pct	•
NoC2:					_							
Nason	0-14	Gravelly Loam Silt Loam Silty Clay Loam Loam	CL CL-ML	A-4 A-6	0	0-3	80-100	70-100	60-100	42-95	22-49	6-24
	14-48	Silty Clay Silty Clay Loam Gravelly Clay Clay	CH CL	A-7	0	0	80-100	70-100	66-100	60-95	43-59	25-36
	48-62	Silt Loam Channery Loam Gravelly Silt Loam Loam	CL CL-ML GC-GM SC	A-4 A-6	0	0	80-100	70-100	60-100	42-90	20-36	6-17
Manteo												
Tatum												
NsB3:												
Nason	0-14	Gravelly Loam Silt Loam Loam Silty Clay Loam	CL CL-ML	A-4 A-6	0	0-3	80-100	70-100	60-100	42-95	22-58	6-32
	14-48	Silty Clay Clay Silty Clay Loam Gravelly Clay	CH CL	A-7	0	0	80-100	70-100	66-100	60-95	43-59	25-36
	48-62	Loam Silt Loam Gravelly Silt Loam Channery Loam	CL CL-ML GC-GM SC	A-4 A-6	0	0	80-100	70-100	60-100	42-90	20-36	6-17
Tatum												



Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In		•		Pct	Pct		•			Pct	
NsB3:												
NsC3:												
Nason	0-14	Gravelly Loam Loam Silty Clay Loam Silt Loam	CL CL-ML	A-4 A-6	0	0-3	80-100	70-100	60-100	42-95	22-58	6-32
	14-48	Silty Clay Loam Silty Clay Gravelly Clay Clay	CH CL	A-7	0	0	80-100	70-100	66-100	60-95	43-59	25-36
	48-62	Gravelly Silt Loam Channery Loam Loam Silt Loam	CL CL-ML GC-GM SC	A-4 A-6	0	0	80-100	70-100	60-100	42-90	20-36	6-17
Manteo												
OrB:												
Orange	0-7	Silt Loam	CL-ML SC-SM	A-4 A-6	0	0	98-100	90-100	81-100	63-90	22-43	6-18
	7-41	Clay Loam Silty Clay Clay	СН	A-7	0	0	95-100	80-100	72-100	64-95	45-69	25-44
	41-46	Gravelly Sandy Loam Channery Sandy Loam Sandy Loam	GC SC	A-2 A-6	0	0-60	65-100	50-100	30-70	15-40	20-32	6-13
	46-79	Bedrock			0							
Abell												
Fluvanna												



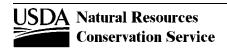
Louisa County, Virginia

Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In	•			Pct	Pct				ı	Pct	
OrB:												
Poindexter												
OxB:												
Orange	0-7	Silt Loam	CL-ML SC-SM	A-4 A-6	0	0	98-100	90-100	81-100	63-90	22-43	6-18
	7-41	Silty Clay Clay Clay Loam	СН	A-7	0	0	95-100	80-100	72-100	64-95	45-69	25-44
	41-46	Gravelly Sandy Loam Channery Sandy Loam Sandy Loam	GC SC	A-2 A-6	0	0-60	65-100	50-100	30-70	15-40	20-32	6-13
	46-79	Bedrock			0							
Poindexter	0-9	Loam Silt Loam	CL CL-ML	A-4 A-6	0	0	95-100	90-100	76-100	54-90	21-39	6-17
	9-20	Sandy Clay Loam Clay Loam	CL SC	A-6	0	0	95-100	90-100	72-100	32-80	29-44	13-25
	20-40	Silty Clay Loam Gravelly Sandy Loam Fine Sandy Loam Sandy Loam	CL-ML SC SC-SM	A-2 A-4 A-6	0	0	65-100	50-100	30-100	15-95	20-44	6-25
	40-79	Bedrock										
Elbert												
Abell												
Fluvanna												

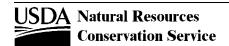
PaB2:



Man Comphal			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liannial	Diestisit
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	In	•	<u>u</u>		Pct	Pct			ı		Pct	•
PaB2:												
Pacolet	0-9	Sandy Clay Loam Clay Loam Sandy Loam	SC SC-SM	A-2 A-4	0	0	98-100	90-100	54-100	27-80	20-47	4-24
	9-32	Clay Clay Loam	CH CL	A-7	0	0	98-100	90-100	81-100	63-95	42-70	24-47
	32-70	Sandy Loam Sandy Clay Loam Clay Loam	CL SC SC-SM	A-2 A-4 A-6	0	0	98-100	90-100	54-100	27-80	24-40	9-21
Cecil	0-6	Sandy Loam	SC-SM SM	A-2 A-4	0	0	90-100	80-100	48-70	24-40	17-33	2-13
	6-48	Clay Loam Clay	CL	A-6 A-7	0	0	90-100	80-100	72-100	56-95	36-66	19-43
	48-62	Sandy Loam	SC	A-2	0	0	97-100	80-100	48-70	24-40	16-32	2-13
Appling												
Iredell												
Wedowee												
PaC2:												
Pacolet	0-9	Sandy Clay Loam Clay Loam Sandy Loam	SC SC-SM	A-2 A-4	0	0	98-100	90-100	54-100	27-80	20-47	4-24
	9-32	Clay Clay Loam	CH CL	A-7	0	0	98-100	90-100	81-100	63-95	42-70	24-47
	32-70	Clay Loam Sandy Clay Loam Sandy Loam	CL SC SC-SM	A-2 A-4 A-6	0	0	98-100	90-100	54-100	27-80	24-40	9-21



Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In	•	•		Pct	Pct					Pct	•
PaC2:												
Cecil	0-6	Sandy Loam	SC-SM SM	A-2 A-4	0	0	90-100	80-100	48-70	24-40	17-33	2-13
	6-48	Clay Clay Loam	CL	A-6 A-7	0	0	90-100	80-100	72-100	56-95	36-66	19-43
	48-62	Sandy Loam	SC	A-2	0	0	97-100	80-100	48-70	24-40	16-32	2-13
Appling												
Ashlar												
Sekil												
Wedowee												
PaD2:												
Pacolet	0-9	Clay Loam Sandy Clay Loam Sandy Loam	SC SC-SM	A-2 A-4	0	0	98-100	90-100	54-100	27-80	20-47	4-24
	9-32	Clay Clay Loam	CH CL	A-7	0	0	98-100	90-100	81-100	63-95	42-70	24-47
	32-70	Sandy Loam Sandy Clay Loam Clay Loam	CL SC SC-SM	A-2 A-4 A-6	0	0	98-100	90-100	54-100	27-80	24-40	9-21
Cecil	0-6	Sandy Loam	SC-SM SM	A-2 A-4	0	0	90-100	80-100	48-70	24-40	17-33	2-13
	6-48	Clay Clay Loam	CL	A-6 A-7	0	0	90-100	80-100	72-100	56-95	36-66	19-43
	48-62	Sandy Loam	SC	A-2	0	0	97-100	80-100	48-70	24-40	16-32	2-13
Appling												



Louisa County, Virginia

Man Cumbal			Classi	fication	Fragr	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	ln				Pct	Pct					Pct	
PaD2:												
Madison												
Sekil												
PcD3:												
Pacolet	0-9	Clay Loam Sandy Clay Loam Sandy Loam	CL SC-SM	A-2 A-4 A-7	0	0	98-100	90-100	54-100	27-80	20-52	4-28
	9-32	Clay Loam Clay	CH CL	A-7	0	0	98-100	90-100	81-100	63-95	42-70	24-47
	32-70	Clay Loam Sandy Loam Sandy Clay Loam	CL SC SC-SM	A-2 A-4 A-6	0	0	98-100	90-100	54-100	27-80	24-40	9-21
Cecil	0-6	Clay Loam	CL SC-SM	A-7	0	0	90-100	80-100	72-100	56-80	37-50	19-28
	6-48	Sandy Clay Loam Gravelly Clay Loam Clay Loam Gravelly Sandy Clay Loam	CL SC	A-6	0	0-5	75-100	75-100	68-95	38-81	29-44	13-25
	48-62	Clay Loam Clay	СН	A-7	0	0-5	97-100	92-100	72-100	55-95	42-74	24-51
Appling												
Ashlar												
Sekil												
Rock outcrop												

PxB:



Mara Oranah al			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	1 tour stat	DI4:-:4
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticit Index
	In				Pct	Pct	•				Pct	•
PxB:												
Poindexter	0-9	Loam Silt Loam	CL CL-ML	A-4 A-6	0	0	95-100	90-100	76-100	54-90	21-39	6-17
	9-20	Sandy Clay Loam Clay Loam	CL SC	A-6	0	0	95-100	90-100	72-100	32-80	29-44	13-25
	20-40	Silty Clay Loam Fine Sandy Loam Sandy Loam Gravelly Sandy Loam	CL-ML SC SC-SM	A-2 A-4 A-6	0	0	65-100	50-100	30-100	15-95	20-44	6-25
	40-79	Bedrock										
Iredell												
Orange												
Zion												
PxC:												
Poindexter	0-9	Silt Loam Loam	CL CL-ML	A-4 A-6	0	0	95-100	90-100	76-100	54-90	21-39	6-17
	9-20	Sandy Clay Loam Clay Loam	CL SC	A-6	0	0	95-100	90-100	72-100	32-80	29-44	13-25
	20-40	Silty Clay Loam Fine Sandy Loam Sandy Loam Gravelly Sandy Loam	CL-ML SC SC-SM	A-2 A-4 A-6	0	0	65-100	50-100	30-100	15-95	20-44	6-25
	40-79	Bedrock										
Mecklenburg												
Zion												





Man Complet			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Limite	Disatists
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Liquid Limit	Plasticity Index
	In	•		•	Pct	Pct					Pct	
PxC3:												
Poindexter	0-9	Silt Loam	CL	A-4	0	0	95-100	90-100	76-100	54-90	21-39	6-17
		Loam	CL-ML	A-6		_						
	9-20	Sandy Clay Loam Clay Loam	CL SC	A-6	0	0	95-100	90-100	72-100	32-80	29-44	13-25
	20-40	Silty Clay Loam	CL-ML	A-2	0	0	65-100	50-100	30-100	15-95	20-44	6-25
	20-40	Gravelly Sandy Loam	SC SC	A-2 A-4	U	U	03-100	30-100	30-100	13-93	20-44	0-23
		Sandy Loam	SC-SM	A-6								
		Fine Sandy Loam	00 0	, , ,								
	40-79	Bedrock										
Cullen												
Mecklenburg												
Zion												
PxD:												
Poindexter	0-9	Silt Loam	CL	A-4	0	0	95-100	90-100	76-100	54-90	21-39	6-17
		Loam	CL-ML	A-6								
	9-20	Clay Loam	CL	A-6	0	0	95-100	90-100	72-100	32-80	29-44	13-25
		Sandy Clay Loam	SC									
	20-40	Silty Clay Loam	CL-ML	A-2	0	0	65-100	50-100	30-100	15-95	20-44	6-25
		Fine Sandy Loam	SC	A-4								
		Sandy Loam Gravelly Sandy Loam	SC-SM	A-6								
	40-79	Bedrock										
	40-79	Dediock										
Cullen												
Sekil												
Rock outcrop												



Mari Ormakal			Classi	fication	Frag	ments	Per	cent Passin	g Sieve Nun	nber	Limital	District
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Liquid Limit	Plasticity Index
	In		•		Pct	Pct	•	•	•		Pct	1
PxD:												
QU:												
Quarry												
RoB:												
Roanoke	0-10	Silt Loam	CL CL-ML SC-SM	A-4 A-6	0	0	100	100	90-100	70-90	21-41	6-19
	10-50	Silty Clay Loam Clay Silty Clay	CL	A-6 A-7	0	0	100	100	90-100	75-95	37-67	19-44
	50-57	Silt Loam	CL	A-6	0	0	98-100	95-100	86-100	66-90	22-39	6-19
Abell												
Lignum												
SeB:												
Sekil	0-10	Sandy Loam	SC-SM SM	A-2 A-4	0	0	98-100	90-100	54-70	27-40	17-33	2-12
	10-14	Sandy Loam	SC-SM SM	A-2 A-4	0-15	5-15	95-100	90-100	54-70	27-40	16-30	2-12
	14-37	Gravelly Sandy Loam	GM SC-SM SM	A-1 A-2	0-15	5-15	60-85	50-75	30-52	15-30	16-27	2-10
	37-41	Bedrock										
Cullen												
Fluvanna												
Poindexter												

Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Index
	In			•	Pct	Pct		•			Pct	
SeB:												
SeC:												
Sekil	0-10	Sandy Loam	SC-SM SM	A-2 A-4	0	0	98-100	90-100	54-70	27-40	17-33	2-12
	10-14	Sandy Loam	SC-SM SM	A-2 A-4	0-15	5-15	95-100	90-100	54-70	27-40	16-30	2-12
	14-37	Gravelly Sandy Loam	GM SC-SM SM	A-1 A-2	0-15	5-15	60-85	50-75	30-52	15-30	16-27	2-10
	37-41	Bedrock										
Poindexter												
Rock outcrop												
SeC3:												
Sekil	0-10	Sandy Loam	SC-SM SM	A-2 A-4	0	0	98-100	90-100	54-70	27-40	17-33	2-12
	10-14	Sandy Loam	SC-SM SM	A-2 A-4	0-15	5-15	95-100	90-100	54-70	27-40	16-30	2-12
	14-37	Gravelly Sandy Loam	GM SC-SM SM	A-1 A-2	0-15	5-15	60-85	50-75	30-52	15-30	16-27	2-10
	37-41	Bedrock										
Cecil												
Cullen												
Fluvanna												
SeD:												

Louisa County, Virginia

Map Symbol			Classi	fication	Fragi	ments	Per	cent Passino	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In	•	1		Pct	Pct	1			<u>I</u>	Pct	<u>.</u>
SeD:												
Sekil	0-10	Sandy Loam	SC-SM SM	A-2 A-4	0	0	98-100	90-100	54-70	27-40	17-33	2-12
	10-14	Sandy Loam	SC-SM SM	A-2 A-4	0-15	5-15	95-100	90-100	54-70	27-40	16-30	2-12
	14-37	Gravelly Sandy Loam	GM SC-SM SM	A-1 A-2	0-15	5-15	60-85	50-75	30-52	15-30	16-27	2-10
	37-41	Bedrock										
Pacolet												
Wedowee												
Cullen												
Rock outcrop												
SeE:												
Sekil	0-10	Sandy Loam	SC-SM SM	A-2 A-4	0	0	98-100	90-100	54-70	27-40	17-33	2-12
	10-14	Sandy Loam	SC-SM SM	A-2 A-4	0-15	5-15	95-100	90-100	54-70	27-40	16-30	2-12
	14-37	Gravelly Sandy Loam	GM SC-SM SM	A-1 A-2	0-15	5-15	60-85	50-75	30-52	15-30	16-27	2-10
	37-41	Bedrock										
Rock outcrop												

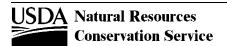
SP:



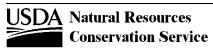
Louisa County, Virginia

Map Symbol			Classi	fication	Fragi	ments	Per	cent Passino	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In		•		Pct	Pct				•	Pct	
SP:					_							
Sekil	0-10	Sandy Loam	SC-SM SM	A-2 A-4	0	0	98-100	90-100	54-70	27-40	17-33	2-12
	10-14	Sandy Loam	SC-SM SM	A-2 A-4	0-15	5-15	95-100	90-100	54-70	27-40	16-30	2-12
	14-37	Gravelly Sandy Loam	GM SC-SM SM	A-1 A-2	0-15	5-15	60-85	50-75	30-52	15-30	16-27	2-10
	37-41	Bedrock										
Poindexter	0-9	Loam Silt Loam	CL CL-ML	A-4 A-6	0	0	95-100	90-100	76-100	54-90	21-39	6-17
	9-20	Sandy Clay Loam Clay Loam	CL SC	A-6	0	0	95-100	90-100	72-100	32-80	29-44	13-25
	20-40	Fine Sandy Loam Silty Clay Loam Sandy Loam	CL-ML SC SC-SM	A-2 A-4 A-6	0	0	65-100	50-100	30-100	15-95	20-44	6-25
	40-79	Gravelly Sandy Loam Bedrock										
Rock outcrop	0-60	Bedrock										
Appling												
Cecil												
Cullen												
Fluvanna												

TaB2:



Man Comphel			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	لمنسما ا	Digatiait
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	In	•			Pct	Pct	ı		I.	ı	Pct	_ L
ГаВ2:												
Tatum	0-6	Silty Clay Loam Silt Loam	CL CL-ML	A-4 A-6	0	0	80-100	70-100	63-100	49-95	23-52	7-28
	6-42	Silty Clay Loam Silty Clay Clay	СН	A-7	0	0	80-100	70-100	63-100	52-95	43-67	25-44
	42-62	Bedrock										
Nason												
Fluvanna												
ТаС2:												
Tatum	0-6	Silt Loam Silty Clay Loam	CL CL-ML	A-4 A-6	0	0	80-100	70-100	63-100	49-95	23-52	7-28
	6-42	Silty Clay Loam Clay Silty Clay	СН	A-7	0	0	80-100	70-100	63-100	52-95	43-67	25-44
	42-62	Bedrock										
Abell												
Manteo												
Nason												
ГаD2:												
Tatum	0-6	Silt Loam Silty Clay Loam	CL CL-ML	A-4 A-6	0	0	80-100	70-100	63-100	49-95	23-52	7-28
	6-42	Silty Clay Silty Clay Loam Clay	СН	A-7	0	0	80-100	70-100	63-100	52-95	43-67	25-44
	42-62	Bedrock										

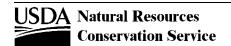


Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Diosticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	In		•		Pct	Pct	•				Pct	•
TaD2:												
Manteo												
Nason												
TmB3:												
Tatum	0-6	Silty Clay Loam	CL	A-4	0	0	80-100	70-100	63-100	49-95	23-52	7-28
		Silt Loam	CL-ML	A-6 A-7								
	6-42	Silty Clay Silty Clay Loam Clay	СН	A-7	0	0	80-100	70-100	63-100	52-95	43-67	25-44
	42-62	Bedrock										
Cullen												
Nason												
TmC3:												
Tatum	0-6	Silt Loam Silty Clay Loam	CL CL-ML	A-4 A-6 A-7	0	0	80-100	70-100	63-100	49-95	23-52	7-28
	6-42	Clay Silty Clay	СН	A-7	0	0	80-100	70-100	63-100	52-95	43-67	25-44
	42-62	Silty Clay Loam Bedrock										
Cullen												
Nason												
TmD3:												

Louisa County, Virginia

Man Combal			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liamid	Diestisite
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Liquid Limit	Plasticity Index
	ln			<u> </u>	Pct	Pct		<u> </u>	ı	<u>.</u>	Pct	<u></u>
TmD3:												
Tatum	0-6	Silty Clay Loam Silt Loam	CL CL-ML	A-4 A-6 A-7	0	0	80-100	70-100	63-100	49-95	23-52	7-28
	6-42	Silty Clay Silty Clay Loam Clay	СН	A-7	0	0	80-100	70-100	63-100	52-95	43-67	25-44
	42-62	Bedrock										
Manteo												
Rock outcrop												
To:												
Тоссоа	0-54	Loamy Fine Sand Fine Sandy Loam	SM	A-2	0	0	98-100	90-100	63-85	25-55	0-26	NP-6
	54-72	Loamy Fine Sand Very Fine Sandy Loam Fine Sandy Loam Very Gravelly Loamy Fine Sand	ML SC-SM SM	A-2 A-4	0	0-15	50-100	35-100	25-95	10-65	0-31	NP-13
Chewacla												
Congaree												

Ts:



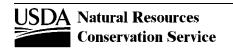
Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In	•		<u> </u>	Pct	Pct					Pct	
Ts:												
Toccoa	0-54	Fine Sandy Loam Loamy Fine Sand	SM	A-2 A-4	0	0	98-100	90-100	63-85	25-55	0-26	NP-6
	54-72	Very Fine Sandy Loam Fine Sandy Loam Loamy Fine Sand Very Gravelly Loamy Fine Sand	ML SC-SM SM	A-2 A-4	0	0-15	50-100	35-100	25-95	10-65	0-31	NP-13
Chewacla												
Congaree												
TuB:												
Turbeville	0-12	Fine Sandy Loam	CL-ML ML SC-SM SM	A-2 A-4	0	0	95-100	85-100	60-85	34-55	0-33	NP-12
	12-64	Clay Loam Clay	CH CL	A-6 A-7	0	0	95-100	85-100	76-100	60-95	36-66	19-43
	64-72	Extremely Gravelly Clay Loam Extremely Gravelly Sandy Clay Gravelly Clay Gravelly Clay Loam	GC SC	A-2	0	15-30	35-60	28-45	25-45	18-34	37-67	19-44
Masada												
W:												
Water												
WaB2:												



Louisa County, Virginia

Map Symbol			Classi	fication	Fragr	ments	Per	cent Passin	g Sieve Nun	nber	Liannial	Disatisit
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Liquid Limit	Plasticity Index
	In				Pct	Pct		•	•		Pct	
WaB2:												
Wedowee	0-11	Sandy Clay Loam Sandy Loam	SC SC-SM	A-2 A-2-4	0	0	95-100	85-100	51-90	26-55	17-45	2-21
		Sandy Loani	SC-SIVI SM	A-2-4 A-4								
	11-30	Sandy Clay	CL	A-6	0	0	95-100	85-100	68-100	30-95	29-66	13-43
		Clay Loam Sandy Clay Loam Clay	SC	A-7								
	30-42	Sandy Clay Loam	CL	A-6	0	0	95-100	85-100	51-95	26-75	20-49	6-28
		Sandy Loam Loam	SC	A-7								
Appling	0-9	Sandy Loam	SC SC-SM	A-2 A-4	0	0	90-100	80-100	48-70	24-40	21-33	6-13
				A-6								
	9-57	Clay Loam Sandy Clay	CL SC	A-6 A-7	0	0	90-100	80-100	68-100	36-95	36-57	19-36
	57-79	Clay Sandy Loam	SC SC-SM SM	A-2 A-2-4 A-4	0	0	90-100	80-100	48-70	24-40	7-25	NP-8
Iredell												
Pacolet												

WaC2:



Louisa County, Virginia

Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Disatisit
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Plasticity Index
	In	•		•	Pct	Pct	•		•	•	Pct	•
WaC2:												
Wedowee	0-11	Sandy Clay Loam Sandy Loam	SC SC-SM SM	A-2 A-2-4 A-4	0	0	95-100	85-100	51-90	26-55	17-45	2-21
	11-30	Clay Loam Sandy Clay Sandy Clay Loam Clay	CL SC	A-6 A-7	0	0	95-100	85-100	68-100	30-95	29-66	13-43
	30-42	Sandy Clay Loam Sandy Loam Loam	CL SC	A-6 A-7	0	0	95-100	85-100	51-95	26-75	20-49	6-28
Appling	0-9	Sandy Loam	SC SC-SM	A-2 A-4 A-6	0	0	90-100	80-100	48-70	24-40	21-33	6-13
	9-57	Clay Clay Loam Sandy Clay	CL SC	A-6 A-7	0	0	90-100	80-100	68-100	36-95	36-57	19-36
	57-79	Sandy Loam	SC SC-SM SM	A-2 A-2-4 A-4	0	0	90-100	80-100	48-70	24-40	7-25	NP-8
Ashlar												
Pacolet												
Sekil												

WaD2:



Louisa County, Virginia

Map Symbol			Classi	fication	Fragr	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In	•			Pct	Pct	ı		ı	ı	Pct	<u>.</u>
WaD2:												
Wedowee	0-11	Sandy Loam Sandy Clay Loam	SC SC-SM SM	A-2 A-2-4 A-4	0	0	95-100	85-100	51-90	26-55	17-45	2-21
	11-30	Clay Loam Sandy Clay Loam Sandy Clay Clay	CL SC	A-6 A-7	0	0	95-100	85-100	68-100	30-95	29-66	13-43
	30-42	Sandy Clay Loam Loam Sandy Loam	CL SC	A-6 A-7	0	0	95-100	85-100	51-95	26-75	20-49	6-28
Appling	0-9	Sandy Loam	SC SC-SM	A-2 A-4 A-6	0	0	90-100	80-100	48-70	24-40	21-33	6-13
	9-57	Sandy Clay Clay Loam Clay	CL SC	A-6 A-7	0	0	90-100	80-100	68-100	36-95	36-57	19-36
	57-79	Sandy Loam	SC SC-SM SM	A-2 A-2-4 A-4	0	0	90-100	80-100	48-70	24-40	7-25	NP-8
Ashlar												
Poindexter												
Sekil												

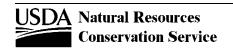
WdD3:



Map Symbol			Classi	fication	Frag	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In	•	•	•	Pct	Pct	•	•			Pct	
WdD3:												
Wedowee	0-11	Sandy Clay Loam	CL SC	A-6	0	0	90-100	90-100	80-95	45-75	30-45	13-21
	11-30	Sandy Clay Loam	SC-SM CL	A-4	0	0	90-100	90-100	80-97	40-75	24-40	9-21
	11-30	Loam	SC	A-4 A-6	U	U	90-100	90-100	80-97	40-75	24-40	9-21
	30-42	Sandy Clay	CL	A-7	0	0	95-100	95-100	65-97	45-75	42-53	24-32
		Clay Loam Clay	SC									
	42-46	Gravelly Sandy Loam	CL	A-2	0	0	80-100	70-100	60-80	30-60	24-40	9-21
		Clay Loam	SC	A-4								
		Sandy Loam	SC-SM	A-6								
		Sandy Clay Loam										
Appling	0-9	Sandy Clay Loam	CL SC	A-6	0	0	90-100	80-100	64-90	28-55	30-45	13-25
	9-57	Clay Loam	SC-SM CL	A-6	0	0	90-100	80-100	68-100	36-95	36-57	19-36
	9-37	Sandy Clay	SC	A-6 A-7	U	U	90-100	80-100	00-100	30-93	30-37	19-30
		Clay	30	Α-1								
	57-79	Sandy Loam	SC	A-2	0	0	90-100	80-100	48-70	24-40	7-25	NP-8
			SC-SM	A-2-4								
			SM	A-4								
Ashlar												
Poindexter												
Sekil												
We:												

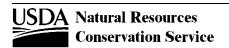


Map Symbol			Classi	fication	Fragi	nents	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In				Pct	Pct					Pct	
We:		0114	0.					100	00.400		a=	
Wehadkee	0-10	Silt Loam	CL ML	A-6 A-7	0	0	100	100	90-100	70-90	21-47	3-18
	10-52	Silty Clay Loam Silt Loam	CL CL-ML ML	A-4 A-6 A-7	0	0	100	100	90-100	70-95	17-49	3-28
	52-58	Loam Silt Loam Gravelly Sand Sandy Loam	SC-SM	A-2	0	0	65-100	50-100	25-100	2-90	0-38	NP-19
Chewacla												
Forestdale												
WH:												
Wehadkee	0-10	Silt Loam	CL ML	A-6 A-7	0	0	100	100	90-100	70-90	21-47	3-18
	10-52	Silty Clay Loam Silt Loam	CL CL-ML ML	A-4 A-6 A-7	0	0	100	100	90-100	70-95	17-49	3-28
	52-58	Gravelly Sand Sandy Loam Loam Silt Loam	SC-SM	A-2	0	0	65-100	50-100	25-100	2-90	0-38	NP-19



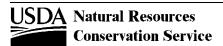
Louisa County, Virginia

Map Symbol			Classi	fication	Fragr	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In				Pct	Pct				L	Pct	
WH:												
Chewacla	0-25	Silt Loam	CL	A-4	0	0	90-100	80-100	72-100	56-90	22-46	6-19
			CL-ML	A-6 A-7								
	25-48	Sandy Loam	CL	A-6	0	0	90-100	80-100	48-100	24-95	29-46	12-24
		Loam	SC-SM	A-7								
		Silty Clay Loam		A-7-6								
	48-52	Sandy Loam	CL	A-2	0	0	90-100	80-100	48-95	24-75	22-38	6-17
		Loam	SC	A-4								
				A-6								
Congaree												
Forestdale												
Fork												
WkB:												
Wickham	0-7	Fine Sandy Loam	CL-ML SC-SM	A-4	0	0	100	100	70-85	40-55	20-31	4-10
	7-52	Clay Loam	CL	A-4	0	0	100	100	80-100	45-80	20-44	6-25
		Sandy Clay Loam	CL-ML	A-6								
		Loam	SC	A-7-6								
	52-72	Sandy Loam	SC-SM	A-4	0	0	100	100	60-95	30-75	16-32	2-13
		Fine Sandy Loam										
		Loam										
Altavista												



WoB:

Map Symbol			Classi	fication	Frag	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In		•		Pct	Pct	•				Pct	
WoB:												
Worsham	0-8	Fine Sandy Loam	CL SC	A-4	0	0	98-100	95-100	66-85	38-55	22-35	6-13
	8-57	Sandy Clay	CH	A-2	0	0	98-100	95-100	76-100	33-95	39-63	21-40
		Sandy Clay Loam	CL	A-7								
		Clay	SC									
	57-69	Clay Loam	CL	A-2	0	0	98-100	95-100	57-100	28-80	22-50	6-29
		Sandy Clay Loam	SC	A-4								
		Sandy Loam		A-6 A-7								
Abell												
Colfax												
YoB:												
York	0-11	Clay Loam Silt Loam	CL ML	A-4	0	0	95-100	85-100	76-100	60-90	16-47	2-24
	11-26	Clay Loam Silty Clay Loam Silt Loam	CL	A-6	0	0	95-100	85-100	76-100	60-95	27-44	12-25
	26-32	Silty Clay Loam Loam Silt Loam	CL	A-4 A-6	0	0	95-100	85-100	72-100	51-95	24-44	9-25
	32-45	Gravelly Silty Clay Loam Gravelly Loam Silt Loam Gravelly Silt Loam Gravelly Silt Loam Silty Clay Loam	CL GC SC	A-6	0	0	60-100	50-100	42-100	30-95	24-49	9-28
Lignum												
Nason												



Louisa County, Virginia

Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In	•	•	•	Pct	Pct	•	•	•		Pct	
YoB:												
ZoB:												
Zion	0-13	Loam	CL CL-ML	A-4 A-6	0	0	90-100	80-100	68-95	48-75	21-39	6-17
	13-18	Very Gravelly Clay Loam Very Gravelly Loam	GC SC	A-2 A-6 A-7	0	0	40-60	30-45	26-45	18-36	24-49	9-28
	18-27	Gravelly Clay Silty Clay Silty Clay Loam Clay	CH CL	A-7	0	0	85-100	70-100	63-100	52-95	39-69	20-44
	27-36	Sandy Loam Gravelly Sandy Loam	SC SC-SM	A-2	0	0	85-100	70-100	42-70	21-40	19-35	3-14
	36-40	Bedrock										
Forestdale												
Iredell												
Poindexter												

ZoB2:

Louisa County, Virginia

Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Disstinity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	In		•	•	Pct	Pct	•	•	•		Pct	
ZoB2:												
Zion	0-13	Loam	CL CL-ML	A-4 A-6	0	0	90-100	80-100	68-95	48-75	21-39	6-17
	13-18	Very Gravelly Clay Loam Very Gravelly Loam	GC SC	A-2 A-6 A-7	0	0	40-60	30-45	26-45	18-36	24-49	9-28
	18-27	Gravelly Clay Silty Clay Silty Clay Loam Clay	CH CL	A-7	0	0	85-100	70-100	63-100	52-95	39-69	20-44
	27-36	Sandy Loam Gravelly Sandy Loam	SC SC-SM	A-2	0	0	85-100	70-100	42-70	21-40	19-35	3-14
	36-40	Bedrock										
Enon												
Mecklenburg												
Poindexter												
Elbert												

ZoC2:

Map Symbol			Classi	fication	Fragi	nents	Per	cent Passino	g Sieve Num	nber	Liquid	Diagticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Liquid Limit	Plasticity Index
-	ln		-		Pct	Pct					Pct	
ZoC2:												
Zion	0-13	Loam	CL CL-ML	A-4 A-6	0	0	90-100	80-100	68-95	48-75	21-39	6-17
	13-18	Very Gravelly Loam Very Gravelly Clay Loam	GC SC	A-2 A-6 A-7	0	0	40-60	30-45	26-45	18-36	24-49	9-28
	18-27	Silty Clay Loam Silty Clay Clay Gravelly Clay	CH CL	A-7	0	0	85-100	70-100	63-100	52-95	39-69	20-44
	27-36	Gravelly Sandy Loam Sandy Loam	SC SC-SM	A-2	0	0	85-100	70-100	42-70	21-40	19-35	3-14
	36-40	Bedrock										
Sekil												
Poindexter												